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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/835,979	04/16/2001	Michaél McClary	04906.P076	7544

8791            7590            08/14/2002

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EXAMINER

NGUYEN, BRIAN D

ART UNIT

PAPER NUMBER

2661

DATE MAILED: 08/14/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	09/835,979	MCCLARY ET AL.
	Examiner	Art Unit
	Brian D Nguyen	2661

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 16 April 2001.

2a) This action is FINAL.                    2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 1-47 is/are pending in the application.

4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5) Claim(s) 32-34 is/are allowed.

6) Claim(s) 1-31 and 35-47 is/are rejected.

7) Claim(s) \_\_\_\_\_ is/are objected to.

8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

#### Priority under 35 U.S.C. §§ 119 and 120

13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some \* c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a)  The translation of the foreign language provisional application has been received.

15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

#### Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ .
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) <u>4 &amp; 6</u> .	6) <input type="checkbox"/> Other: _____ .

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## **DETAILED ACTION**

### *Specification*

1. Applicant is requested to fill in blanks on page 1 of the specification.
2. The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

### *Claim Rejections - 35 USC § 112*

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claims 3, 8, 12, 42, and 46 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 3, "the second set of states" in line 4 seems referring to the updated second set of states. If it is true, "the second set of states" in line 4 should change to --the updated second set of states--. Appropriate correction is required.

Claims 8, 12, 37, 42, and 46 have the same problem as claim 3.

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***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-31 and 35-47 are rejected under 35 U.S.C. 103(a) as being unpatentable over Czerwiec et al (5,161,152) in view of Doss et al (6,389,013).

Regarding claims 1-13, Czerwiec discloses a machine readable medium that provides instructions which when executed by a set of processors to perform operation comprising receiving a first and second signals and simultaneously sync hunting the first signal and the second signal, wherein the first signal (DS0 for example) and the second signal (DS1) have different format (see Figure 1; abstract; and col. 2, lines 54-61). Czerwiec does not explicitly discloses updating and buffering the set of states and read/write operations of the set of states. However, these features are well known in the art. Doss discloses updating and buffering the set of states and read/write operations of the set of states (see col. 18, lines 46-49 and col. 22, lines 61-65). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to update, store the set of states and using the read and write operations as taught by Doss in the system of Czerwiec since this is a common practice in the art.

Claims 14-31, these claims are apparatus claims that have substantially all the limitations of the respective instructions claims 1-13, thus is subject to the same rejection.

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Claims 35-47, these claims are method claims that have substantially all the limitations of the respective instructions claims 1-13, thus is subject to the same rejection.

***Allowable Subject Matter***

7. Claims 32-34 are allowed.

***Conclusion***

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian Nguyen whose telephone number is (703) 305-5133. The examiner can normally be reach on Monday-Thursday from 7:30 am to 6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doug Olms, can be reach on (703) 305-4703. The fax phone number for this Group is (703) 872-9314.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 306-0377

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

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Washington, D.C. 20231

**or faxed to:**

(703) 872-9314 (for formal communications intended for entry)

**Or:**

(703) 872-9314 (for informal or draft communications, please label  
“PROPOSED” or DRAFT”)

Hand-delivered response should be brought to Crystal Park II, 2021 Crystal Drive,  
Arlington VA., Sixth Floor (Receptionist).

Aug. 8, 2002

*BN*

Brian Nguyen

*DNT*  
DANG TON  
PRIMARY EXAMINER